

Product sheet

**H22 | 305163**

**General Information**

<b>Description</b>	<p>H22 is a cell line derived from a mouse. It is a fibroblast cell line that is used for various research purposes. It is characterized by its ability to grow in culture and its sensitivity to certain treatments.</p>
<b>Organism</b>	Mouse
<b>Tissue</b>	Embryonic
<b>Disease</b>	None
<b>Synonyms</b>	H22-22, H22 22

**Characteristics**

<b>Breed/Subspecies</b>	C3HA
<b>Morphology</b>	Fibroblast
<b>Growth properties</b>	Adherent

**Identification**

<b>Citation</b>	H22 (Cytion 305163)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	10090
<b>CellosaurusAccession</b>	CVCL_H613

**Additional Information**

**References**

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**Culture Medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** 10% FBS

**Subculturing** 1:5

**Fluid renewal** 2-3 times

**Freeze medium** DMEM, 10% FBS + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells in a 37°C water bath.
2. Add cells to a flask containing 10% FBS medium.
3. Incubate cells in a 37°C incubator.
4. Monitor cell growth and passage when cells reach 70% confluency.
5. Seed cells into a 15 cm<sup>2</sup> flask.
6. Seed cells into a 300 x g flask.
7. Seed cells into a 10 cm<sup>2</sup> flask.
8. Seed cells into a 25 cm<sup>2</sup> flask.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating** None

**Freezing Procedure** Freeze cells in DMEM + 10% FBS + 10% DMSO at -80°C.

**Shipping Conditions** -78°C

